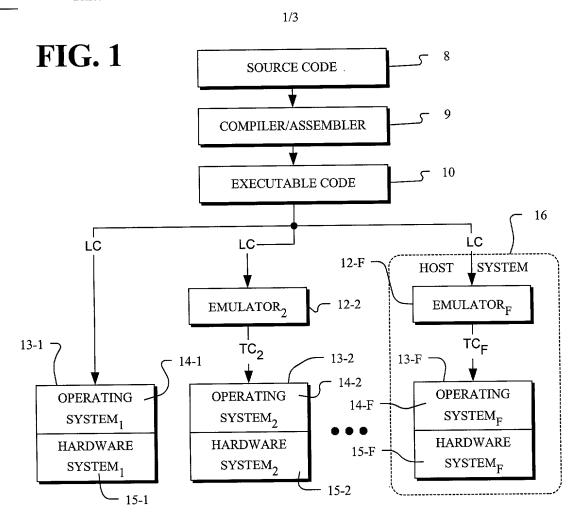
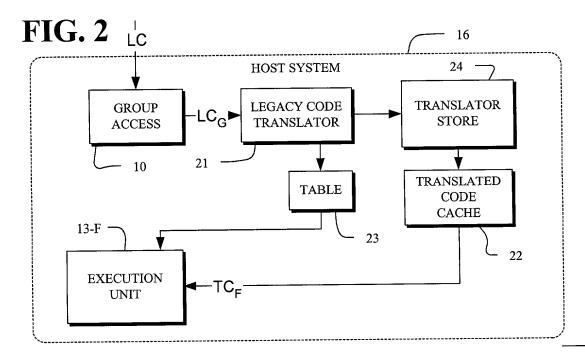
Inventor 1: Ronald Hilton

Title: PROCESSING OF SELF-MODIFYING CODE UNDER EMULATION





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Atty Doc No: AMDH-08152US0 DEL **Inventor 1: Ronald Hilton**

Title: PROCESSING OF SELF-MODIFYING CODE UNDER EMULATION

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LEGACY CODE (CISC)

				h
100	START	BALR	B1,R0	
102	BASE	LM	R1,R2,DATA1	0.50
106		MVC	DATA1, DATA3	
10C		AH	R1,DATA2	
110		SRA	R1,1	
114		SH	R2,DATA2	
118		AR	R1,R2	
<u>11A</u>		BC	TARGET	
120	DATA1	DC	X'005390BC'	
		DC	X'09C20004'	
128	DATA2	DC	X'0009'	
12A	DATA3	DC	X'800039AF'	

FIG. 3



100	START	BALR	B1, R0
102	BASE	LM	R1, R2,DATA1
106		MVC	DATA1, DATA3
10C		AH	R1, DATA2



TRANSLATED CODE (RISC)

BALRMOV B1 BASE
LM ADD A1 B1,DATA1-BASE
LD4 R1 [A1]
ADD A1 A1,4
LD4 R2 [A1]
MVC ADD A1 B1,DATA1-BASE
ADD A2 B1,DATA3-BASE
LD4 T1 [A2]
ST4 T1 [A1]
AH ADD A1 B1,DATA2 -BASE
LD2 T1 [A1]
ADD R1 R1,T1
B XFER_SEQUENTIAL

110	SRA	R1,1
114	SH	R2,DATA2
118	AR	R1,R2
11A	BC	TARGET
	Walter Property	

120	DATA1	DC	X'005390BC'
		DC	X'09C20004'
128	DATA2	DC	X'0009'
12A	DATA3	DC	X'800039AF'
			La State Control

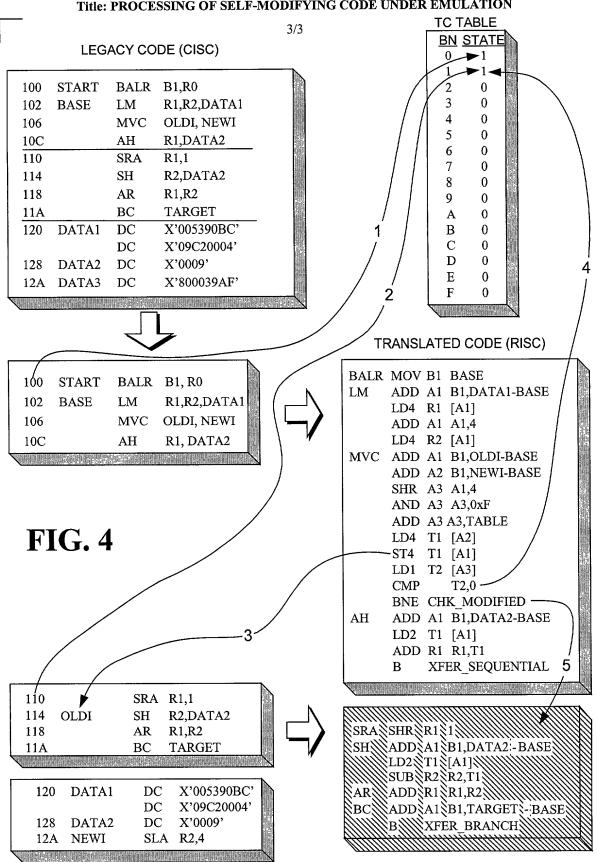


SRA	SHR	R1	1
SH	ADD	A1	B1,DATA2 -BASE
	LD2		
	SUB	R2	R2,T1
AR	ADD	R1	R1,R2
BC	ADD	A 1	B1,TARGET - BASE
	В	XF	ER_BRANCH
			Mississian de principal de l'establica de la company

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Title: PROCESSING OF SELF-MODIFYING CODE UNDER EMULATION



Current Date: 14/11/01

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